PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing Traffic Control Signal with street lighting at the intersection of MD 2 - MD 4 and MD 402 / Dares Beach Rd in Calvert County. The existing traffic signal heads shall be replaced by LED signal heads. MD 2 - MD 4 is assumed to run a north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection shall continue to operate in a NEMA eight-phase, fully-actuated mode, with the MD 2 MD 4 approaches running concurrently. Exclusive left turn phases for both approaches of MD 2 MD 4 shall remain in operation. Farside sampling stations on both legs of MD 2 MD 4 shall continue to be provided at this intersection. Exclusive/Permissive left turn phases for the MD 402 / Dares Beach Rd shall remain in operation. The MD 402 / Dares Beach Rd approaches shall also continue to run concurrently.Pre-emption shall continue to be provided for the northbound approach of MD 2 MD 4.
- 2. The existing full-traffic-actuated, eight-phase controller with video interface, opticom discriminator and all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be utilized at this intersection.

III. SPECIAL NOTES

- 1. The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
- 2. All controller cabinet wiring will be performed by the S.H.A. Signal Shop Contact Mr. Ed Rodenhizer at (410) 787-7650 seventy-two hours in advance of intended work.
- 3. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

The contact persons for District #5 are as follows:

Assistant District Engineer - Traffic Phone: (410) 841-1003

Mr. Andre Futrell Assistant District Engineer - Maintenance Phone: (410) 841-1002

Assistant District Engineer - Utility Phone: (410) 841-1005

Mr. Richard L. Daff, Sr. Chief. Traffic Operations Division Phone: (410) 787-7630

Mr. Ed Rodenhizer Signal Shop 410-787-7650 Mr. Sonny Bailey

Sign Shop 410-787-7670

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

DESCRIPTION

QUANTITY

THERE IS NO EQUIPMENT TO BE SUPPLIED BY THE SHA.

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

NO.	DESCRIPTION	QUAN	TITY
1001	Maintenance of traffic per assignment.	1	EA
8002	12" red or green LED signal head section.	28	EA
8003	12" yellow LED signal head section.	15	EA
8028	Remove and dispose of existing equipment per assignment.	- 1	EA
8078	Electrical cable – 5 conductor (No. 14 AWG).	45	L.F.
8079	Electrical cable - 7 conductor (No. 14 AWG).	920	L.F.

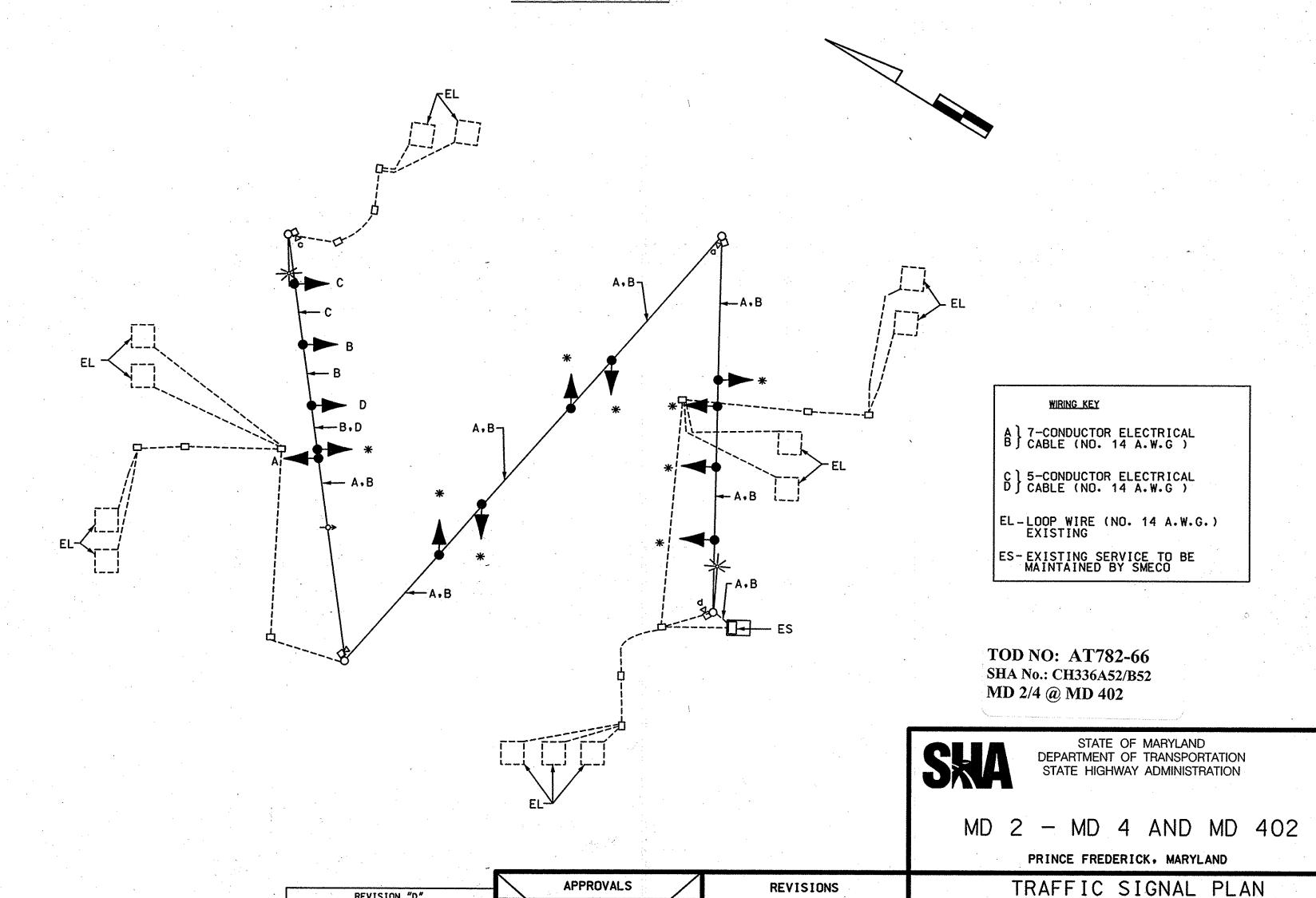
EQUIPMENT TO BE REMOVED

All removed signal materials are to become property of the contractor.

PHASE CHART

THERE IS NO PHASE CHART CHANGE FOR THIS PROJECT.





CONTRACT NO. CA472A53IB53

COUNTY CALVERT

TIMS NO. H932

LOGMILE 04000220.59

SCALE 1"= 20' DATE 4/88

TS NO. 333A DRAWING NO. A OF 2 SHEET NO.

DESIGNED BY DCD CGH

DRAWN BY ____MR

CHECKED BY

F.A.P. NO.

ADDED E/P LEFT TURN PHASE FOR MD 402

BT SR DZ EP

F REPLACE LOOPS THAT WERE MILLED OUT TIMS D510 10/99

PLOTTED: \$DATETIME\$
FILE: \$FILE\$

JAH

REVISION "D"

STREET TRAFFIC STUDIES, LTD.

400 Crain Hwy.,N.W. Gien Burnie,MD 21061

Ph (410) 590-5500 Fax (410) 590-6637

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ØFFICE DIRECTOR